

U.S. Patent Application Serial No. 10/806,337
Amendment filed August 30, 2005
Reply to OA dated June 21, 2005

AMENDMENTS TO THE CLAIMS:

Cancel claims 1 - 3; and add claims 4 - 6.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 - 3 (Canceled)

Claim 4 (New): A pipe burying method for burying a pipe in the earth by using a reamer having a reamer main body that is approximately cone-shaped, with a diameter of which contracts towards a side of a pilot hole from which it is retracted, and platy members to be annexed to the outer surface of the reamer main body and to form a drilling part, the method comprising the steps of:

preparing various types of the platy members;

selecting at least a platy member suitable for a soil type from among the various types of the platy members based on the type of soil to be bored;

attaching the selected platy member to the reamer main body to form the reamer suitable for the soil type;

connecting the reamer to a front end of a rod in a pilot hole in the earth and to the pipe;

pulling out the rod from the pilot hole while rotating the reamer together with the rotation

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of the rod; and

burying the pipe connected to the reamer in the earth.

Claim 5 (New): A pipe burying method for burying a pipe in the earth by using a reamer, the method comprising the steps of:

preparing various types of reamers;

selecting at least a reamer suitable for a soil type from among the various types of reamers based on the type of soil to be bored;

connecting the selected reamer to a front end of a rod in a pilot hole in the earth and to the pipe;

pulling out the rod from the pilot hole while rotating the reamer together with the rotation of the rod; and

burying the pipe connected to the reamer in the earth.

Claim 6 (New): The pipe burying method according to claim 5, wherein

the reamer has a reamer main body that is approximately cone-shaped, with a diameter which contracts towards a side of a pilot hole from which it is retracted, and a platy member to be connected to the outer surface of the reamer main body to form a drilling part, the various types of reamers being prepared by connecting the various types of platy members to the reamer main body.